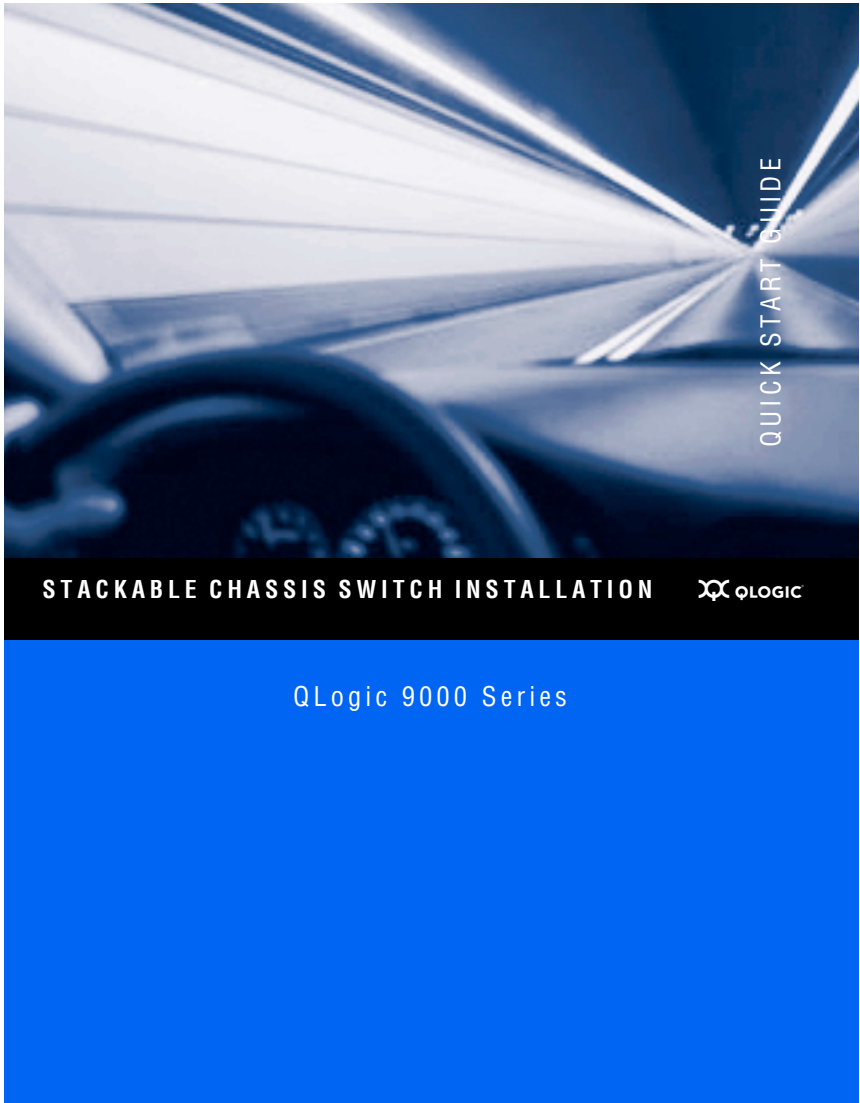


[Quick Start Guide]



QUICK START GUIDE

STACKABLE CHASSIS SWITCH INSTALLATION



QLogic 9000 Series

Purchasers of OEM products should consult with their OEM for support.

Please feel free to contact your QLogic approved reseller or QLogic Technical Support at any phase of integration for assistance. QLogic Technical Support can be reached by the following methods:

Web <http://support.qlogic.com>

E-mail support@qlogic.com

The QLogic knowledge data base contains troubleshooting information for the QLogic adapters. Access the data base from the QLogic Support Web page, <http://support.qlogic.com>. Use the Support Center search engine to look for specific troubleshooting information.

Quick Start Guide

Installation Instructions

Congratulations on your purchase of the QLogic® 9000 Series Stackable Chassis Switch. This guide describes the steps to install and activate your new switch using a Windows® workstation. For advanced options and instructions (including Solaris®, Linux®, and Mac OS X® installations), refer to the *QLogic 9000 Series Stackable Chassis Switch Installation Guide* at www.qlogic.com.

NOTE: Do not apply power to the switch until instructed in Step 5.

Step 1. Verify the Package Contents

The QLogic 9000 Series Stackable Chassis Switch is shipped with the following items:

- 1 QLogic 9000 Series Stackable Chassis Switch
- 2 AC Power cords
- 1 Rail kit
- 1 RJ-45/RS-232 console adapter
- 1 Enterprise Fabric Suite™ 2007 CD

NOTE: I/O blades, transceivers, and stacking cables, if you ordered them, are packaged separately.

Step 2. Mount the Switch

WARNING!! Two people are required to safely lift and install the switch into a rack. To avoid personal injury or damage to the switch, arrange for assistance.

You can mount the QLogic 9000 Series switch on a flat surface or in a rack. Allow minimum clearances of 2 inches in front and 8 inches in the rear for cabling.

- For a rack mount, install the QLogic 9000 Series rail kit in a standard 19" rack as described in the *QLogic 9000 Series Stackable Chassis Switch Rack Mounting Guide* that is packaged with the switch.

Step 3. Install I/O Blades

- Remove I/O panels as needed to match the number of I/O blades to be installed. Pull the I/O panel by the latch to disengage and remove. Every I/O slot must have an I/O blade or an I/O panel to ensure proper cooling.
- Install I/O blades. Open the I/O blade latch and slide the I/O blade into the chassis until it makes contact with the midplane connector. Rotate the latch upward to lock the I/O blade in place.

Step 4. Install Transceivers

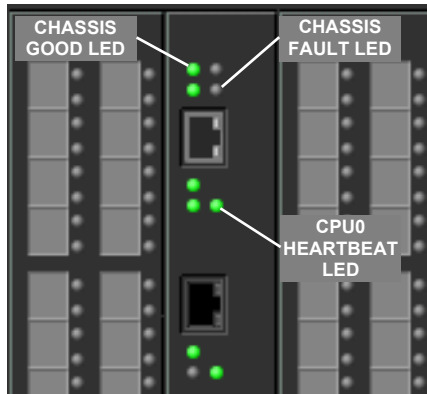
An SFP transceiver is required for each switch port that will be connected to a device.

- ❑ To install an SFP transceiver, insert the transceiver into the switch port and gently press until it snaps in place. The transceiver will fit only one way. If the transceiver does not install under gentle pressure, flip it over and try again.

Step 5. Apply Power to the Switch

The maximum current requirements are 10 amps at 100 VAC or 4.2 amps at 240 VAC.

- ❑ Attach the AC power cords to the Power Supply blades and wall outlets or power strips. Secure the strain relief bales to the plugs. Place the On/Off switches in the On position.
- ❑ The switch runs its self tests and begins normal operation – this may take a few minutes. Observe the Maintenance Panel and verify that the CPU0 blade Heartbeat LED is blinking about once per second and the Chassis Fault LED is NOT illuminated.



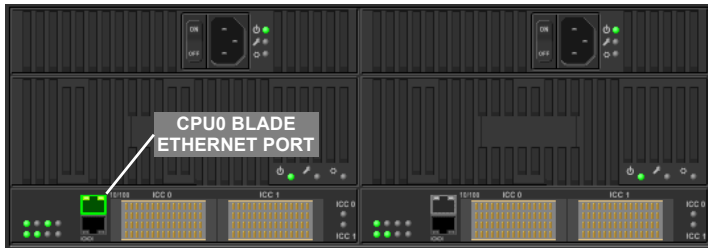
Step 6. Verify Workstation Requirements

- ❑ Verify that your workstation can support the Enterprise Fabric Suite 2007™ application with the following minimum requirements:
 - Windows 2003, or XP SP1/SP2
 - 512 MB memory minimum; 1GB recommended
 - 150 MB disk space
 - 1 GHz processor
 - Video card with 256 colors
 - CD ROM drive, RJ-45 Ethernet port
 - Internet Browser: Microsoft® Internet Explorer® 6.0, Netscape Navigator® 6.0, or Firefox® 1.5
 - Java® 2 Standard Edition Runtime Environment 1.4.2
- ❑ The default IP address of a new switch is 10.0.0.1. Ensure that your workstation is configured to communicate with the 10.0.0 subnet—for example, a workstation IP address of 10.0.0.10 with a subnet mask of 255.0.0.

Step 7. Connect the Workstation to the Switch

- Connect the CPU0 blade Ethernet port directly to the workstation using an Ethernet cable, or indirectly through a switch or hub. The Ethernet port automatically discovers straight and cross-over cables. You must have a live Ethernet connection when the workstation powers up.

NOTE: The Maintenance Panel Ethernet ports on the front of the switch are disabled and should not be used for the initial installation. You can enable the Maintenance Panel Ethernet ports after the switch is operational.



Step 8. Install Enterprise Fabric Suite 2007

The Enterprise Fabric Suite 2007 application includes the Configuration Wizard. This wizard auto-detects and configures the switch based on selected options and recommended settings. To download and install the Enterprise Fabric Suite 2007 application on a Windows workstation/server, perform the following steps:

1. Insert the Enterprise Fabric Suite 2007 disk into the CDRom drive.
2. In the upper left corner of the product introduct screen, click **Management Software**.
3. Click **Install** for Windows 2003, XP.
4. Enter the serial number and license key provided to activate the Enterprise Fabric Suite 2007 application.

Step 9. Obtain Network Configuration

- Obtain the IP address and subnet mask from your network administrator. Be sure that your workstation is configured for the same subnet.

Step 10. Run the Configuration Wizard

- ❑ Double-click the Enterprise Fabric Suite 2007 shortcut, or select **Enterprise Fabric Suite 2007** from Start menu, depending on how you installed it.
- ❑ The Configuration Wizard tool auto-detects and configures the switch based on selected options and recommended settings. Follow the instructions to set network parameters and the password. The default user name is *admin*; the default password is *password*.

NOTE: If you are using an Ethernet switch and the auto-connect process fails due to a time out, try a direct Ethernet connection from your workstation to the switch. Use an Ethernet cross-over cable only if your workstation has a GbE port.

Step 11. Connect Devices and Switches

- ❑ Connect fiber optic cables between the installed transceivers and their corresponding devices. Each port auto-negotiates the proper port type with the connected device or switch.

Congratulations **You have successfully installed your QLogic 9000 Series Switch**

For information about ordering additional I/O blades and accessories visit
http://www.qlogic.com/Products/SAN_products_FCS_san9000.aspx.

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